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(51) International Patent Classification ⁶ : C03C 13/00, C03B 37/02	A1	(11) International Publication Number: WO 98/54104 (43) International Publication Date: 3 December 1998 (03.12.98)
(21) International Application Number: PCT/GB98/01597 (22) International Filing Date: 1 June 1998 (01.06.98) (30) Priority Data: 9711178.5 31 May 1997 (31.05.97) GB (71) Applicant (for all designated States except US): GILTECH LIMITED [GB/GB]; 12 North Harbour Estate, Ayr KA8 8AA (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): ✓ GILCHRIST, Thomas [GB/GB]; 67 Midton Road, Ayr KA7 2TW (GB); ✓ HEALY, David, Michael [IE/GB]; Midton House, By Alloway KA7 4EZ (GB). (74) Agent: OUZMAN, Beverley; Murgitroyd & Company, 373 Scotland Street, Glasgow G5 8QA (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: METHOD OF PRODUCING WATER-SOLUBLE GLASS FIBRES (57) Abstract <p>There is provided a method for forming a water-soluble glass fibre or wool. The method comprises heating the glass composition above its melting point to produce a molten glass and then cooling the molten glass slowly to a pre-selected working temperature at which the fibres will be drawn. Suitable working temperature include those in a range of 400 to 1000 °C. The working temperature will usually be at least 200 °C lower than the temperature to which the molten glass is heated above its melting point and may be 50-300 °C above the T_g of the glass. Phosphorous pentoxide is suitable as a glass former and B₂O₃ may be present as an additive. Optionally the glass may release silver ions, e.g. by addition of silver orthophosphate during manufacture of the glass.</p>		

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